

NIMA HL 30525 GF FR

Polyethylene Terephthalate

Ovation Polymers Inc.

Message:

PET - Flame Retardant 25% Short Glass Fiber Reinforced.

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Features	Flame Retardant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.63	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	5500	MPa	ASTM D638
Tensile Strength ² (Break)	98.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	2.5	%	ASTM D638
Flexural Modulus ⁴	8000	MPa	ASTM D790
Flexural Strength ⁵ (Yield)	150	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	170	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

